

CLAIMS

What is claimed is:

1 1. A method for coordinating sessions, comprising:
2 providing a session interface having instructions to send association data; and
3 identifying activity related to a previously provided session interface utilizing
4 the association data.

1 2. The method of Claim 1, further comprising performing a specified task
2 in relation to the session interface in accordance with the identified activity.

1 3. The method of Claim 1, wherein the first association data includes a
2 client identifier and a session identifier associated with the session interface, and
3 wherein the act of identifying comprises:
4 providing the session identifier associated with the session interface,
5 identifying client identifier included in the association data;
6 identifying other association data containing that client identifier;
7 identifying the session identifier included in the other association data; and
8 identifying activity related to the previously provided session interface
9 associated with the identified session identifier included in the other association data.

1 4. The method of Claim 1, wherein the act of providing comprises
2 providing a web page having instructions to request a web bug sending association
3 data containing a cookie and an URL for the web page; and
4 wherein the act of identifying comprises:
5 providing the URL to identify the association data containing the
6 cookie;
7 identifying other association data containing the cookie;
8 from the identified association data, identifying a second URL for a
9 previously provided web; and
10 identifying activity related to the previously provided web page utilizing
11 the second URL.

1 5. A method for coordinating sessions, comprising:
2 providing a first session interface having instructions to send first association
3 data;
4 sending the first association data;
5 providing a second session interface having instructions to send second
6 association data;
7 sending the second association data; and
8 utilizing the first and second association data to identify activity related to the
9 first session interface.

1 6. The method of Claim 5, further comprising performing a specified task
2 in relation to the second session interface in accordance with the identified activity.

1 7. The method of Claim 5, wherein the first association data includes a
2 client identifier and a first session identifier associated with the first session interface
3 and the second association data includes the client identifier and a second session
4 identifier associated with the second session interface, and wherein the acts of
5 sending the first and second association data include adding the first association
6 data as an entry to an association table and adding the second association data and
7 an entry to the association table.

1 8. The method of Claim 7, wherein the act of utilizing comprises:
2 identifying the client identifier in an entry in the association table containing
3 the session identifier associated with the second session interface;
4 identifying other entries in the association table containing that client identifier;
5 identifying from those entries the session identifier associated with the first
6 session interface; and
7 using the session identifier associated with the first session interface to
8 identify activity related to the first session interface.

1 9. The method of Claim 8, wherein the first session interface is a first web
2 page, the second session interface is a second web page, the client identifier is a
3 cookie, the session identifier associated with the first web page is an URL for that

4 web page, and the session identifier associated with the second web page is an URL
5 for the second web page, and wherein:

6 the act of identifying the client identifier comprises providing the URL for the
7 second session interface and querying the association table for the cookie in an entry
8 containing the provided URL;

9 the act of identifying other entries comprises identifying other entries
10 containing the cookie;

11 the act of identifying from those entries comprises identifying the entry
12 containing the URL for the first session interface; and

13 the act of using the session identifier, comprises using the URL for the first
14 session interface to identify activity relating to the first session interface.

1 10. The method of Claim 5, wherein the acts of providing the first and
2 second session interfaces comprise providing a framed web page having a first
3 frame for displaying the first session interface and a second frame for displaying the
4 second session interface;

5 wherein the act of sending the first association data comprises sending a
6 cookie and a first URL for the first session interface; and

7 wherein the act of sending the second association data comprises sending
8 the cookie and a second URL for the second session interface.

1 11. The method of Claim 10, further comprising saving the cookie and the
2 first URL as one entry in an association table and saving the cookie and the second
3 URL as another entry in the association table; and wherein the act of utilizing the first
4 and second association data comprises:

5 providing the URL for the second session interface and querying the
6 association table for the cookie in an entry containing the provided URL;

7 identifying other entries containing the cookie;

8 from those entries, identifying the entry containing the first URL; and

9 identifying activity relating to the first session interface using the first URL.

1 12. A session coordinating method, comprising:

2 providing a first web page having instructions to request a web bug;

3 requesting the web bug sending a cookie and an URL for the first web page;

4 providing a second web page having instructions to request the web bug;
5 requesting the web bug sending the cookie and an URL for the second web
6 page;
7 saving the cookie and the URL for the first web page as an entry in an
8 association table;
9 saving the cookie and the URL for the second web page as an entry in the
10 association table;
11 providing the URL for the second web page, querying the association table for
12 the cookie in the entry containing the URL for the second web page;
13 identifying other entries in the association table containing that cookie;
14 from those entries, identifying the entry containing the URL for the first web
15 page; and
16 identifying activity relating to the first web page using that URL.

1 13. A computer readable medium having instructions for:
2 providing a session interface having instructions to send association data; and
3 identifying activity related to a previously provided session interface utilizing
4 the association data.

1 14. The medium of Claim 13, having further instructions for performing a
2 specified task in relation to the session interface in accordance with the identified
3 activity.

1 15. The medium of Claim 13, wherein the first association data includes a
2 client identifier and a session identifier associated with the session interface, and
3 wherein the instructions for identifying comprise instructions for:
4 providing the session identifier associated with the session interface,
5 identifying client identifier included in the association data;
6 identifying other association data containing that client identifier;
7 identifying the session identifier included in the other association data; and
8 identifying activity related to the previously provided session interface
9 associated with the identified session identifier included in the other association data.

1 16. The medium of Claim 13, wherein the instructions for providing
2 comprise instructions for providing a web page having instructions to request a web
3 bug sending association data containing a cookie and an URL for the web page; and
4 wherein the instructions for identifying comprise instructions for:
5 providing the URL to identify the association data containing the
6 cookie;
7 identifying other association data containing the cookie;
8 from the identified association data, identifying a second URL for a
9 previously provided web page; and
10 identifying activity related to the previously provided web page utilizing
11 the second URL.

1 17. A computer readable medium having instructions for:
2 providing a first session interface having instructions to send first association
3 data;
4 providing a second session interface having instructions to send second
5 association data; and
6 identifying activity related to the first session interface utilizing the first and
7 second association data.

1 18. The medium of Claim 17, having further instructions for performing a
2 specified task in relation to the second session interface in accordance with the
3 identified activity.

1 19. The medium of Claim 17, wherein the first association data includes a
2 client identifier and a first session identifier associated with the first session interface
3 and the second association data includes the client identifier and a second session
4 identifier associated with the second session interface, the medium having further
5 instructions for adding the first association data, once sent, as an entry to an
6 association table and adding the second association data, once sent, as an entry to
7 the association table.

20. The medium of Claim 19, wherein the instructions for identifying
comprise:
identifying the client identifier in an entry in the association table containing
the session identifier associated with the second session interface;
identifying other entries in the association table containing that client identifier;
identifying from those entries the session identifier associated with the first
session interface; and
identifying activity related to the first session interface using the session
identifier associated with the first session interface.

21. The medium of Claim 20, wherein the first session interface is a first
web page, the second session interface is a second web page, the client identifier is
a cookie, the session identifier associated with the first web page is an URL for that
web page, and the session identifier associated with the second web page is an URL
for the second web page, and wherein:
the instructions for identifying the client identifier comprise instructions for
providing the URL for the second session interface and querying the association
table for the cookie in an entry containing the provided URL;
the instructions for identifying other entries comprise instructions for
identifying other entries containing the cookie;
the instructions for identifying from those entries comprise instructions for
identifying the entry containing the URL for the first session interface; and
the act of identifying activity comprises identifying activity relating to the first
session interface using the URL for the first session interface.

22. The medium of Claim 17, wherein the instructions for providing the first
and second session interfaces comprise instructions for providing a framed web
page having a first frame for displaying the first session interface and a second frame
for displaying the second session interface; and
wherein the first association data includes a cookie and a first URL for the first
session interface and the second association data includes the cookie and a second
URL for the second session interface.

1 23. The medium of Claim 22, having further instructions for saving the
2 cookie and the first URL as one entry in an association table and saving the cookie
3 and the second URL as another entry in the association table; and wherein the
4 instructions for identifying activity comprise instructions for:

5 providing the URL for the second session interface and querying the
6 association table for the cookie in an entry containing the provided URL;
7 identifying other entries containing the cookie;
8 from those entries, identifying the entry containing the first URL; and
9 identifying activity relating to the first session interface using the first URL.

1 24. A computer readable medium having instructions for:
2 providing a first web page having instructions to request a web bug sending a
3 cookie and an URL for the first web page;

4 providing a second web page having instructions to request the web bug
5 sending the cookie and an URL for the second web page;

6 saving the cookie and the URL for the first web page as an entry in an
7 association table;

8 saving the cookie and the URL for the second web page as an entry in the
9 association table;

10 providing the URL for the second web page, querying the association table for
11 the cookie in the entry containing the URL for the second web page;

12 identifying other entries in the association table containing that cookie;

13 from those entries, identifying the entry containing the URL for the first web
14 page; and

15 identifying activity relating to the first web page using that URL.

1 25. A system for coordinating sessions, comprising:

2 a responder operable to provide a session interface having instructions to
3 send association data containing a client identifier and a session identifier for the
4 session interface;

5 an association server operable to receive the association data, save the
6 association data in an association table, and receive queries for the association
7 table;

8 an association table interface in communication with the association server
9 and operable access and provide association data from the association table
10 according to a received query; and
11 an association service in communication with the responder and the
12 association server and operable to provide the session identifier and to query the
13 association server for a session identifier for a previously provided session interface.
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1 26. The system of Claim 25, wherein:
2 the responder is further operable to provide the session interface in the form
3 of a web page;
4 the client identifier is a cookie and the session identifier is an URL for the web
5 page;
6 the association server is further operable to save the cookie and the URL,
7 when received, as an entry in the association table;
8 the association service is further operable to provide the URL and query the
9 association service for a second URL for a previously provided web page; and
10 the association table interface is further operable to identify the entry in the
11 association table containing the provided URL, identify the cookie in that entry, locate
12 another entry containing the same cookie, and return the URL from that located entry
13 to the association service.

1 27. A system for coordinating sessions, comprising:
2 a first responder operable to provide a first session interface having
3 instructions to send association data containing a client identifier and a first session
4 identifier for the first session interface;
5 a second responder operable to provide a second session interface having
6 instructions to send association data containing the client identifier and a second
7 session identifier for the second session interface;
8 an association server operable to receive the association data, save the
9 association data in an association table, and receive queries for the association
10 table;

an association table interface in communication with the association server and operable to access and provide association data from the association table according to a received query; and

an association service in communication with the second responder and the association server and operable to provide the session identifier and to query the association server for a session identifier for the first session interface.

28. The system of Claim 27, wherein:

the first responder is further operable to provide the first session interface in the form of a first web page;

the second responder is further operable to provide the second session interface in the form of a second web page;

the client identifier is a cookie, the first session identifier is a first URL for the first web page, and the second session identifier is a second URL for the second web page;

the association server is further operable to save the cookie and the first URL, when received, as an entry in the association table and save the cookie and the second URL, when received, as another entry in the association table;

the association service is further operable to provide the second URL and query the association service for the first URL;

the association table interface is further operable to identify the entry in the association table containing the second URL, identify the cookie in that entry, locate another entry containing the same cookie, and return the first URL from that located entry to the association service.

29. A system for coordinating sessions, comprising:

a first responder operable to provide a first web page having instructions to send association data containing a cookie and a first URL for the first web page;

a first server operable to serve the first web page;

a second responder operable to provide a second web page having instructions to send association data containing the cookie and a second URL for the second session web page;

a second server operable to serve the second web page;

a client operable to request the first and second web pages from the first and second servers, display the first and second web pages, send the cookie and first URL upon displaying the first web page, and send the cookie and the second URL upon displaying the second web page;
an association server operable to receive the cookie and the first URL saving the pair as an entry in an association table and to receive the cookie and the second URL saving the pair as an another entry in the association table;
an association service in communication with the second responder and the association server and operable to provide the first URL and to query the association server for the second URL; and
an association table interface in communication with the association server and operable to identify the entry in the association table containing the second URL, identify the cookie in that entry, locate another entry containing the same cookie, and return the first URL from that located entry to the association service.

30. A system for coordinating sessions, comprising:

a means for providing a session interface having instructions to send association data containing a client identifier and a session identifier for the session interface;
a means for receiving association data, saving the association data in an association table, and receiving queries for the association table;
a means for accessing and providing association data from the association table according to a received query; and
a means for providing the session identifier and a query for a session identifier for a previously provided session interface.